



United States
Environmental Protection Agency
Washington, DC 20460

×	Registration
	Amendment
	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Valent BioSciences / 73049-XX UAN	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Valent BioSciences / VBC-30054 (S-Absciscic Acid) TGAI MFG	PM#	
5. Name and Address of Applicant (Include ZIP Code) Valent BioSciences Corp. 870 Technology Way Libertyville IL, 60048 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <div style="display: flex; justify-content: space-between;"> <div> EPA Reg. No. _____ </div> <div> Product Name _____ </div> </div>	

Section - II


<input type="checkbox"/>	Amendment - Explain below.	<input type="checkbox"/>	Final printed labels in response to Agency letter dated _____
<input type="checkbox"/>	Resubmission in response to Agency letter dated _____	<input type="checkbox"/>	"Me Too" Application.
<input type="checkbox"/>	Notification - Explain below.	<input type="checkbox"/>	Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Section - III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No		Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt No. per container	
2. Type of Container					
<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____					
3. Location of Net Contents Information		4. Size(s) Retail Container		5. Location of Label Directions	
<input checked="" type="checkbox"/> Label <input type="checkbox"/> Container				<input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			
		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point <i>(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</i>		
Name Thomas Bade P.h.D.	Title Regulatory Manager	Telephone No. (Include Area Code) 847-968-4726
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Manager	
4. Typed Name Thomas Bade	5. Date 6/9/08	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, Collection Strategies Division (2822T), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Valent BioSciences Corp. 870 Technology Way, Libertyville, IL 60048	EPA Registration Number/File Symbol 73049-XX
Active Ingredient(s) and/or representative test compound(s) VBC-30054 (S-Absciscic Acid) Technical Grade Active Ingredient	Date <u>June 9, 2008</u>
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) For Manufacturing Use Only	Product Name S-Absciscic Acid

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☐ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

Thomas Bade

Date

6/9/08

Typed or Printed Name and Title

Thomas Bade, Regulatory Manager



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 9, 2008	EPA Reg No./File Symbol	73049-	Page 1 of 5	
Applicant's/Registrant's Name & Address Valent BioSciences Corporation, 870 Technology Way, Livertyville, IL, 60048		Product VBC-30054 (S-Absciscic Acid); TGAi for Manufacturing Use Only			
Ingredient S-Absciscic Acid (S-ABA); (S)-5-(1-hydroxy-2,6,6-trimethyl-4-oxo-2-cyclohexen-1-yl)-3-methyl-(2Z,4E)-pentadienoic acid, [CAS # 21293-29-8]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
880.1100, 880.1200, 880.1400	Integrated Manufacturing Process S-ABA # 30054; 056-4	46895601	Valent BioSciences EPA # 73049	OWN	
880.1100, 880.1200, 880.1400	Integrated Manufacturing Process S-ABA # 30054; 027-1	47067903	Valent BioSciences EPA # 73049	OWN	
830.1700, 830.1750, 830.1800	Product Chemistry: Analysis, Cert limits, # 30054; 056-5	46895602	Valent BioSciences EPA # 73049	OWN	
830.1700, 830.1750, 830.1800	Product Chemistry: Analysis, Cert limits, # 30054; 027-2	47067904	Valent BioSciences EPA # 73049	OWN	
830.1700	Technical 5-Lot Analysis, PTRL # 1473W		Valent BioSciences EPA # 73049	OWN	
830.1700	VBC-30054 Product Chem: Cert Limits # 30054; 127-2		Valent BioSciences EPA # 73049	OWN	
830.1800	Anal Mtd; Validation TGAi and formulation, PTRL# 1442W	46895610	Valent BioSciences EPA # 73049	OWN	
830.1700	Charaterization of 1-4 diol # VBCL07-48060-01		Valent BioSciences EPA # 73049	OWN	
830.0000	30054 Phys Chem Summary, # 30054; 056-3	46895603	Valent BioSciences EPA # 73049	OWN	
830.6302, 830.6303, 830.6304	30054 Phys Cehm Characteristics PRTL # 1438W	46895604	Valent BioSciences EPA # 73049	OWN	
830.6313	30054 Stability, Temp, Metals & Ions PTRL # 1618W-1		Valent BioSciences EPA # 73049	OWN	
830.6315	30054 Flamability, Explodability, HLS # ZAB0083/072858		Valent BioSciences EPA # 73049	OWN	
830.7000, 830.7300	30054 pH, PTRL # 1558W	46895607	Valent BioSciences EPA # 73049	OWN	
830.7200, 830.7300	30054 Melting Point, Density PTRL # 1438W	46895604	Valent BioSciences EPA # 73049	OWN	
830.7840, 7550, 7560, 7570	30054 water Sol, Part Coef, Diss Const, PTRL#1437W	46895605	Valent BioSciences EPA # 73049	OWN	
Signature	Thomas Bade		Name and Title Thomas Bade, Regulatory Manager	Date 6/9/08	

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date	June 9, 2008	EPA Reg No./File Symbol	73049-	Page 2 of 5	
Applicant's/Registrant's Name & Address Valent BioSciences Corporation, 870 Technology Way, Livertyville, IL, 60048		Product VBC-30054 (S-Absciscic Acid); TGA1 for Manufacturing Use Only			
Ingredient S-Absciscic Acid (S-ABA); (S)-5-(1-hydroxy-2,6,6-trimethyl-4-oxo-2-cyclohexen-1-yl)-3-methyl-(2Z,4E)-pentadienoic acid, [CAS # 21293-29-8]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.0000	Lomon Phys Chem Summary # 2004B-04		Valent BioSciences EPA # 73049	OWN	
830.1800	Analytical HPLC Method # VBC-M04001.2		Valent BioSciences EPA # 73049	OWN	
830.7050	30054 - UV/Vis Abs, Spectra DeCode REP-RC-2004-048		Valent BioSciences EPA # 73049	OWN	
830.7050	30054 - Ref Std retest DeCode REP-RC-2005-039		Valent BioSciences EPA # 73049	OWN	
830.7950	30054 - Vapour Pressure, PTRL # 1436W-1	46895606	Valent BioSciences EPA # 73049	OWN	
830.7840	30054 - Solubility in Organic Solvents, PTRL # 1730W-1		Valent BioSciences EPA # 73049	OWN	
830.2110	30054 - Hydrolysis at pH 4, 7, 9, PTRL # 1729W-1		Valent BioSciences EPA # 73049	OWN	
Signature			Name and Title	Date	
			Thomas Bade, Regulatory Manager	6/9/08	



Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

Date	June 9, 2008	EPA Reg No./File Symbol	73049-	Page 3 of 5
Applicant's/Registrant's Name & Address		Product		
Valent BioSciences Corporation, 870 Technology Way, Livertyville, IL, 60048		VBC-30054 (S-Absciscic Acid); TGA1 for Manufacturing Use Only		

Ingredient	S-Abscisic Acid (S-ABA); (S)-5-(1-hydroxy-2,6,6-trimethyl-4-oxo-2-cyclohexen-1-yl)-3-methyl-(2Z,4E)-pentadienoic acid, [CAS # 21293-29-8]
------------	---

[illegible]

Signature 	Name and Title Thomas Wade, Regulatory Manager	Date 6/9/08
---	---	----------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date <u>June 9, 2008</u>		EPA Reg No./File Symbol 73049-		Page 4 of 5	
Applicant's/Registrant's Name & Address Valent BioSciences Corporation, 870 Technology Way, Livertville, IL, 60048		Product VBC-30054 (S-Absciscic Acid); TGAI for Manufacturing Use Only			
Ingredient S-Absciscic Acid (S-ABA); (S)-5-(1-hydroxy-2,6,6-trimethyl-4-oxo-2-cyclohexen-1-yl)-3-methyl-(2Z,4E)-pentadienoic acid, [CAS # 21293-29-8]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3100	90-Day Oral Toxicity, CRL # 28084		Valent BioSciences EPA # 73049	OWN	
870.3250	21-Day Repeat Dermal, CRL # 27971		Valent BioSciences EPA # 73049	OWN	
870.3700	Teratology. preliminary Prenatal Dev, CRL # 28566		Valent BioSciences EPA # 73049	OWN	
870.3700	Teratology, Prenatal Development, # WIL-505004		Valent BioSciences EPA # 73049	OWN	
870.5100	Bacterial Reverse Mutation, Covance # 7194-101	47030901	Valent BioSciences EPA # 73049	OWN	
870.5300	In vitro cell gene mutation, Covance # 7194-103	47005301	Valent BioSciences EPA # 73049	OWN	
870.5375	In vitro cell gene mutation, Covance # 7194-102	47005302	Valent BioSciences EPA # 73049	OWN	
870.3050	4-week Oral Toxicity, CRL # 27720		Valent BioSciences EPA # 73049	OWN	
870.3100	13-Week Oral Toxicity, CRL # 28084		Valent BioSciences EPA # 73049	OWN	
N/A	Endocrine Disruptor Testing, #VBC-SCC ABA 12-14-07		Valent BioSciences EPA # 73049	OWN	
Signature <u>Thomas Bade</u>			Name and Title Thomas Bade, Regulatory Manager		Date <u>6/9/08</u>




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date <u>June 9, 2008</u>			EPA Reg No./File Symbol 73049-		Page 5 of 5
Applicant's/Registrant's Name & Address Valent BioSciences Corporation, 870 Technology Way, Livertyville, IL, 60048			Product VBC-30054 (S-Absciscic Acid); TGAI for Manufacturing Use Only		
Ingredient S-Absciscic Acid (S-ABA); (S)-5-(1-hydroxy-2,6,6-trimethyl-4-oxo-2-cyclohexen-1-yl)-3-methyl-(2Z,4E)-pentadienoic acid, [CAS # 21293-29-8]					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.2100	Acute Avian - 30054, WI # 529-111	47067901	Valent BioSciences EPA # 73049	OWN	
850.2200	Avian Dietary tox. Waiver S-ABA 30054: 058-1		Valent BioSciences EPA # 73049	OWN	
850.1075	Acute Fish - 30054, WI # 529A-104	47131402	Valent BioSciences EPA # 73049	OWN	
850.1010	Acute invertebrate, fresh water - 30054, WI # 529A-103	47131401	Valent BioSciences EPA # 73049	OWN	
850.4100, 850.4150	Non-target plant toxicity, S-ABA 30054;047-02	47131404	Valent BioSciences EPA # 73049	OWN	
850.4100, 850.4150	Non-target plant toxicity, S-ABA 30054;047-02REF	47153201	Valent BioSciences EPA # 73049	OWN	
850.4350	Non-target Insect-honeybee, EuGAB#20071029/S1BLEU	47151201	Valent BioSciences EPA # 73049	OWN	
N/A	EarthWorm Toxicity. WI # 529-119		Valent BioSciences EPA # 73049	OWN	
850.0000	Lomon Summary of EcoTox Results, # June 2000		Valent BioSciences EPA # 73049	OWN	
850.0000	Background Review of Literature, # ABA-LS2		Valent BioSciences EPA # 73049	OWN	
850.0000	Copies of background literature papers, # ABA-LS2 REF		Valent BioSciences EPA # 73049	OWN	
860.1500	Residue Analytical method, # S-ABA 30054; 106-1	46985604	Valent BioSciences EPA # 73049	OWN	
850.1500	Fate in Grapes, residue Levels, # S-ABA 30025; 086-1	47005303	Valent BioSciences EPA # 73049	OWN	
860.1360	Multiresidue method testing Waiver, S-ABA 30054; 058-2		Valent BioSciences EPA # 73049	OWN	
Signature 			Name and Title Thomas Bade, Regulatory Manager		Date 6/9/08